

## ABSTRACT

A technique for synchronizing databases in which different techniques are used for storing a recurring event. A database in which the recurring event is, for example, stored as a single recurring record can be synchronized with a database in which the same recurring event is stored as a series of individual records. The individual records are processed to form a synthetic recurring record representing the set of individual records, and synchronization decisions are based on a comparison of the synthetic record to the recurring record of the other database. Following synchronization, the synthetic record can be "fanned" back into the individual records to update the database containing individual records, and the updated recurring record can be written back to the other database. In this way, the invention avoids the problems encountered with prior methods, in which synchronization resulted in a recurring record being transformed into a series of individual records.